

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named  
Inventor : Jean-Gabriel M. Remy

Appln. No.:

Filed : HEREWITH

For : PROCESS AND DEVICE FOR  
CALCULATING THE POSITION OF A  
MOBILE STATION, CORRESPONDING  
COMPUTER PROGRAM AND MEMORY  
MEDIUM

Docket No.: S98.12-0001

Group Art Unit:  
Examiner:

PRELIMINARY AMENDMENT

Commissioner for Patents  
Washington, D.C. 20231  
Sir:

EXPRESS MAIL NO: EL844349454US  
DATE OF DEPOSIT: September 28, 2001

Prior to the calculation of fees, please amend the  
above-identified application as follows:

IN THE CLAIMS

Please cancel claim 11 and amend claims 1-6, 8, 10 and 12  
as follows:

1. (Amended) Process for calculating the position of a mobile  
station (MS) belonging to a cellular radiocommunication system,  
starting from an identifier of a current geographic cell in which  
the said mobile station is located,  
characterized in that it includes the following steps:

- calculate a modeled geographic representation (5) of  
the current cell;
- calculate the barycentre (6) of the said modeled  
geographic representation of the current cell;
- calculate an uncertainty area (7), with a predetermined  
geometric shape, centered on the said barycentre and the area of  
which is approximately equal to the area of the said modeled  
geographic representation of the current cell;